DXpedition News

Malyj Vysotskij Island - 4J1FS A large group of Russians and Finns will operate **4J1FS** from M-V Island in the Gulf of Finland (EU-117) May 26-June 9. The group plans to have five stations operating simultaneously, including a station dedicated to the new bands (10, 17, and 12 meters), and a digital-mode station, including AMTOR and packet as well as RTTY. They will also have a multi-single entry in the CQ WPX CW contest May 30-31. On CW, try 1832, 3501, 7001, 14025, 21025, and 28025 kHz. On SSB, try 1852, 3795, 7095, 14195, 21295, and 28495 kHz. On the new bands, try 10105, 18069, 18145, 24891, and 24945 kHz. Digital modes: 14084, 21084, and 28084 kHz. Sunrise 0120Z; sunset 1920Z. QSL route to be announced. Club stations OH2AQ, OH1AF, and UZ1AWT are organizing the effort.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Islands On The Air

- **JI6KVR** will operate from Uji Island (AS-067) May 9-10.
- **ED5EU** will be on from Tabarca I. (EU-093) May 9-11; QSL via EA5GHC.
- **KK6ZO** will operate from Santa Cruz I. (NA-144) May 8-9.
- **FY9IS** will be active from Salut I. (SA-020) May 8-9.
- Spots on the IOTA nets/frequencies (14260, 21260, and 28460 kHz): **YC8VZR** (OC-030); **YB9AWR** (OC-151) **V63OM** (OC-012); **AB4VT** (NA-052;) **VK6VS/P** (OC-164); **VO1TX** (NA-027); **DU9AOU/DU8** (OC-119).
- Other spots: **IV3VFR/IL3** (EU-130) 14012 0510Z; **4K4BVI** (AS-055) 14180 0235Z; **4K4/EKØAAL** (AS-042) 14003 1300Z.

Shortly Noted

- **HA5BUS/A5** has been reported from Europe, but no stateside reports as of this writing. Their stay in Bhutan will last another week or two. Try high-speed CW 20 kHz up, and 7045, 14275, 21375, and 28575 kHz on SSB. QSL Globex Foundation, Box 49, 1311 Budapest, Hungary.
- **A22MN** is the Botswana callsign of Dave Heil ex-9L1US. Look for Dave to be very active on all bands and modes, once he gets his equipment and antennas up and running. QSL to WA8JOC.
- **ZD8Z** returns for a short operation from Ascension Island to May 12. Jim Neiger N6TJ always has a very loud signal on all bands. He reports a change in QSL manager (from W6CF); stand by for the revised QSL route. Sunrise 0700Z; sunset 1845Z.
- **XU7VK** is HA5VK in Cambodia/Kampuchea, for the next three months. He has been reported in Europe on 21225 kHz on Saturday. QSL route not yet known. (OK-DXPress.)
- **4U7ITU** will be active from the ITU Headquarters in Geneva for the WPX CW test May 30-31. The German operators will be active a day or two ahead of the test, working on antennas. QSL this operation to DF1SD.
- **4K1YAR** is UA3YAR operating from the Molodeznaya base in Antarctica. This is CQ Zone 39. QSL home call.
- **XV7TH** has been noted on 21295 kHz at 13-1600Z. QSL to SK7AX.
- **AP/WA2WYR** was at Dayton, which is why he hasn't been on the air from Pakistan recently. John reports that he will be active in the WPX CW test May 301-31, and will be active on CW and RTTY during his stay.
- **DJ6SI** Baldur is reported to be in Africa, looking to activate a possible New One, or to put one of the rarer countries on the air. He doesn't announce his operations in advance; listen for his CW signal.
- **V73EU** is the Majuro Island (OC-029) call of Scott Thompson KB6CC, for a few weeks. Try 14230-240 kHz at 0400Z. QSL home call.
- **UR1C** is active until May 8 celebrating the first Rotary Club in the Ukraine. Try 18157 kHz at 1700Z, 21308 at 1330Z, and 10103 at 0145; QSL to KA1DWX. (OPDX.)
- The **DXCC Backlog** is presently 2+ months; as of March 20, they were working on applications received Jan. 13.
- **Correction**: The QSL route for the short **VP8CBA** South Georgia operation is W6MKB, not W6KMB.
- **SSB Net** check-ins: **14227**: (11, 22Z) 7Q7RM 3B8AD VKØNE HP1XSO; **14236**: (0200Z) A41JZ TA4C; **14243**: (0200Z) 6W1QP; **14222**: (0030) SV2AOB TA5L JWØGB V73EU ON4AVQ A35KB.
- **RTTY**: **UT5RP** is often on 21085 kHz at 1930Z. **VP8CGK** is active from South Georgia; QSL via VK4MZ. Spots: **5U7M** 21085 2300Z; **VU2SJV** 28085 1745Z; **A22BW** 21089 1745Z; **3C1EA** 21088 1627Z; **XX9AS** 21088 1150Z; **OD5EN** 21089 1740Z; **VQ9QW** 21085 1705Z; **7Z1AB** 21084 1615Z; **AP2KS** 21087 1320Z; **EA9MY** 21087 1745Z.

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before			55 Days Before		
May 1992	Date	Flux	A K	Date	Flux	A K
08 High Normal	04/11	143	03/05 2	03/15	169	10/09 2
09 High Normal	04/12	144	02/06 0	03/16	161	10/13 3
10 High Normal	04/13	146	05/09 2	03/17	159	21/21 5
11 High Normal	04/14	154	05/09 2	03/18	160	11/13 2
12 High Normal	04/15	149	08/09 1	03/19	167	02/06 1
13 High Normal	04/16	158	02/06 0	03/20	169	01/06 2
14 Above Normal	04/17	184	04/07 0	03/21	168	17/19 3
15 High Normal	04/18	203	15/16 2	03/22	161	12/17 1
16 High Normal	04/19	206	12/15 2	03/23	166	21/22 4
17 High Normal	04/20	205	18/18 1	03/24	176	11/18 2
18 High Normal	04/21	195	08/09 1	03/25	186	14/14 3
19 High Normal	04/22	183	11/14 3	03/26	179	11/13 3
20 High Normal	04/23	173	09/10 2	03/27	181	08/12 3
21 High Normal	04/24	161	10/11 2	03/28	186	10/14 2
22 High Normal	04/25	154	10/10 2	03/29	193	15/18 2
23 High Normal	04/26	143	06/08 3	03/30	182	11/13 2
24 High Normal	04/27	137	03/07 2	03/31	191	09/12 2

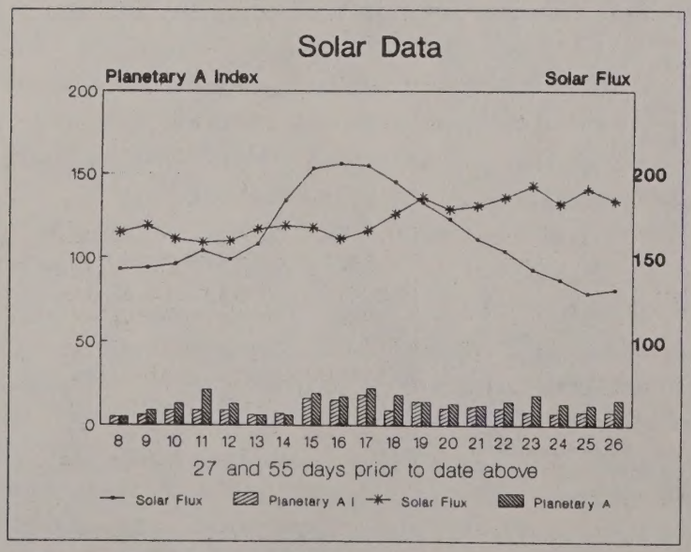
Propagation Watch

Solar activity remains in the low-to-moderate range. Solar flux dropped as low as 126 last week, its lowest level in two years. We expect a slight increase in activity next weekend, based on 27.5-day recurrence. Flux may break the 200 level around May 15, before sliding back below 150 later in the month. Flare activity has been minimal, with only a few M1-class flares causing any disruption to the bands.

The good news associated with the decline in solar activity is the very stable geomagnetic field. The A and K indices have been very low for the past few weeks. This translates into good openings on the polar, high-latitude, and long paths.

However, the lengthening day in the northern hemisphere is taking its toll; D-layer absorption is reducing signal strengths on 10 and 12 meters. 15 meters remains a excellent DX band, with openings generally following the sun. Try to the northeast and east in the morning, and to the west and northwest in the early evening, local times.

20 meters features significant DX at other times, beginning with a good opening to the northeast at local sunset, and ending with westward openings around local dawn. Good hunting!



Sao Tome S9AGD Operation

by Eric Sjolund SMØAGD

Some statistics of our S9AGD operation April 1-8, with operators myself and John SMØDJZ.

Total number of QSLs was 9320, 72% CW and 28% SSB. On 160 meters, we made only 27 QSOs, all with Europeans. The other bands break down as:

Band	%	USA	First USA
3.5	8	292	KC8PG
7	14	869	AA7A
10	9	457	W8EGB
14	12	614	WB3LQP
18	14	625	K2FL
21	8	105	K4PLW
24	15	646	K3FN
28	20	174	W2JDR

Propagation was not as good as during my previous S9 operations in 1988 and 1989, especially not on the higher bands. It was interested to notice the growing interest in the WARC bands.

Our biggest problem was all the main power cut-offs. S92LB gave us a 12-volt battery from his car so that we could operate barefoot. But after a few hours on the battery, we had a voltage drop, and reports about our chirpy signal.

The QSLs will be out next month.

500th Anniversary of Christopher Columbus's Trip to the New World

Some 140 boats from 30 countries will be re-tracing Christopher Columbus's 1492 voyage of discovery. Among the ships will be the Tievoli, a 33-foot Nauticat, with four amateurs from Indiana on board: Jack Parker NT9J, Steve Smith WA4VWV, Eric Sluder KB9BGS, and Ralph Talbott, who awaits his license. These operators are on their way to Bermuda from Florida now, and will sail for the Azores May 25, with an arrival date of June 12. The rest of the itinerary includes Spain, Madeira, Canary Islands, and back to the Bahamas in December. The operators will be on all HF bands, including the digital modes.

This is a non-profit voyage, under IRS rules for amateur sports competition tax exemption. This means most donations by US taxpayers will be deductible. Special recognition of donations of $25 or $50. Donations may be sent to Hoosier's Columbus Voyage Ltd., Box 36299, Indianapolis IN 46236. Indiana's governor Evan Bayh has proclaimed the Tievoli as the state's official representation at ceremonies along the route.

B • A • N • D • P • A • S • S

S	M	T	W	T	F	S
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

3C1EA	21088	1545	29	PA
4X6UO	14087	0202	30	PA
5B4ZL	14083	1512	3	CA
7Q7XX	21080	1825	30	CA
A22BW	21091	1940	25	CA
A92FG	14085	2301	2	CA
EA8AB	21092	1955	26	WA
EA9MY	21083	1825	26	CA
ES7FQ	14086	0404	30	PA
FG4FI	14088	0051	20	FL
J88BS	14087	0041	1	PA
TA5C	14082	2310	26	CA
UA2WJ	14083	2151	30	PA
UT5RP	21088	1939	26	WA
V47UY	21085	0054	3	CA
VQ9QW	21083	1715	27	CA
ZA1TAA	14087	0321	3	CA
ZA1TAA	14082	2030	30	PA
ZP6XD	28089	0020	26	CA

160 Meters

3A/DF2UU	1824	0405	24	AL

80 Meters

3A/DF2UU	3501	2320	21	NH
V73CT	3504	1001	20	NH

75 Meters

3A/DF2UU	3785	0419	24	AL
VK6LK *	3798	2248	20	MA

40 Meters

7Q7XX	7001	0025	27	IA
HBØØ DL2SCJ	7007	2356	30	FL
TU2MA	7004	0022	28	WV
V47YO	7006	0528	3	CA

30 Meters

3A/DF2UU	10101	0714	22	WV
4K2MAL	10106	1020	1	PA
7Q7XX	10103	2211	26	PA
9K2MU	10106	0055	29	GA
CX9BT	10102	0022	27	PA
EA6NB	10103	0505	29	PA
HH2PK	10101	0020	23	AL
ISØOMH	10105	0051	28	PA
RH8AQ	10104	0012	27	PA
TA2AO	10115	0240	29	PA
VK6HD	10104	2250	26	PA
VP9/ WA1AWJ	10102	0123	21	FL
ZA1TAJ	10101	0141	1	PA
ZD8LII	10106	0045	29	PA

20 Meter CW

3B8CF	14034	0316	28	CA
3B8CF	14035	1405	26	CA
3B8FG	14020	0255	29	MN
4K2MAL	14023	1247	1	MN
4K2OLQ	14034	2314	22	NH
4S7CF	14004	0025	30	GA
4S7EA	14010	2257	28	MN
4S7WP	14004	2220	24	MN
5B4ADA	14016	0018	21	FL
5H3RA	14028	0023	1	FL
5NØZKJ	14014	0015	29	GA
7Q7XX	14009	0210	26	CA
8R1J	14018	2230	26	IA
9H3GR	14009	2340	29	FL
9K2MU	14018	0012	1	MN
9K2ZR	14015	0322	3	CA
9M8FC	14011	1625	28	WA
A71AZ	14011	0207	23	AZ
BV2TA	14008	1455	24	AZ
BV4CT	14028	1533	3	CA
CO6CG	14026	1032	28	NJ
FG5XC	14011	2131	27	FL
FK8FG	14013	0709	3	CA
FK8FG	14014	1131	24	FL
FO5BI/P	14014	0325	25	CA
FS4PL	14015	0100	20	FL
HBØ/ DL2SCJ	14026	0121	29	FL
HKØER	14018	0115	24	VA
HSØZAA	14014	2230	27	IA
ISØATP	14008	2129	27	FL
J28FO	14014	0235	29	MN
JWØC	14003	1630	26	CA
JWØE	14025	1234	1	MN
OA4ZV	14011	2352	2	CA
P29KH	14040	1153	26	GA
PZ1AP	14022	1031	28	FL
RA73WS	14016	0159	2	FL
RL7PAJ	14008	2351	29	FL
RY8I	14017	0347	3	CA
SU1HV	14003	0002	28	VA
TI3/ TI4SU	14024	1151	3	NJ
TK/ DL7HZ	14005	0028	23	FL
TU2MA	14013	0144	2	FL
TU4SR	14025	0120	29	FL
UAØKG	14030	0557	29	WA
UAØKG	14012	1225	24	NH
	Wrangel Island			
UC8BO	14010	0021	21	FL
UD6DFF	14026	0135	21	FL
UF6FDR	14022	0037	28	FL
UI8ADT	14007	1425	24	CA
UI8IZ	14017	0211	19	FL
UJ8AH	14013	0023	24	NH
UJ8JA	14020	0103	20	FL
UL7GO	14035	0050	28	FL
UL7IDB	14019	0210	25	MI
UL8LWF	14037	0224	24	FL
UM8DX	14031	0150	2	FL
UM8MGM	14031	0136	21	FL
V44KAI	14030	2333	29	FL
V47GW	14011	0156	2	FL
VK6BHW	14018	1300	27	MI
VU2HJA	14032	0057	24	GA
VU2IOC	14017	0035	23	FL
VU2NI	14012	0119	29	FL
XO8BIB	14025	0025	1	FL
YA/ OK1IAI	14015	0002	24	NH
YJ8GK	14013	0133	21	FL
YN/ SMØOIG	14031	1146	23	GA
Z21CA	14015	1139	21	IL
Z21HS	14009	2302	20	NH
ZA1TAJ	14037	1418	3	CA
	14016	0607	3	CA
	14025	0058	20	FL

20 Meter SSB

9V1YQ	14190	1507	24	CA
A41KL	14180	1405	24	CA
A71BR	14253	0450	24	CA
A71BY	14243	0007	25	CA
CYØSAB	14192	0314	26	CA
	Sable Island			
HH6JH	14226	2329	23	WA
J28FO	14193	0159	3	CA
SØRASD	14202	0110	28	IA
TU2JL	14225	0633	3	CA
UAØFF	14192	1139	25	FL
UZØFWA	14197	1030	1	FL
YO2BM	14196	0152	3	CA

17 Meter CW

4K2OKV	18075	2325	26	MN
7Q7XX	18081	2235	23	FL
9J2BO	18086	0600	27	CA
9M2FB	18080	1954	25	NH
9V1OK	18071	1106	22	MA
9V1OK	18081	1945	23	NH
BV2FA	18082	1429	23	NH
EA9PB	18081	1549	23	NH
FK8FS	18070	0236	3	CA
FR5GG	18072	1248	24	NH
GU5LP	18074	1809	2	CA
OY1R	18080	1556	25	NS
UJ8KA	18073	1235	25	NS
VP2MLD	18077	0102	3	CA
VP2MLD	18078	2020	25	NH
XE2/K6OJ	18072	0219	24	FL
YA/ OK1IAI	18088	0153	24	CA
ZD8LII	18069	2356	2	CA

17 Meter SSB

5U7M	18160	0145	26	MN
A45ZZ	18150	1217	25	VA
DU1AK	18135	1541	25	NS
YI1RM	18132	1355	25	NS

15 Meter CW

4S7WP	21027	2215	27	IA
5H3RA	21021	2110	26	MN
5H3RA	21021	2140	26	GA
7Q7XX	21009	1425	3	CA
9M8FC	21030	1925	24	NH
CYØSAB	21022	0439	3	CA
EA9UK	21006	1402	3	CA
EA9UK	21026	2209	2	CA
FR5GG	21017	1210	28	IA
HKØER	21014	0001	23	AZ
RHØE	21022	1320	3	NJ
SU2AJ	21013	1308	22	MA
TU4SR	21025	0003	30	MN
TU4SR	21025	1212	27	IA
UA8TAB	21014	0205	28	IA
UI8GA	21016	1200	27	IA
UO5OOW	21017	2121	23	FL
V63BW	21019	0516	3	CA
V85AA	21011	0145	26	GA
VU2TTC	21045	1715	25	GA
XV7TH	21029	1245	27	IA
YN/ SMØOIG	21013	1224	3	NJ

15 Meter SSB

6W6JX	21302	2010	2	CA
HZ1AB	21271	2000	22	CO
OD5ZZ	21238	1830	25	GA
RAØAIJ	21284	0050	25	NY
V73EU	21260	2319	2	CA
XX9AS	21205	1529	24	NH
YI1MA	21295	1645	26	WA

12 Meter CW

FR5GG	24902	1307	22	MA

12 Meter SSB

7Q7XX	24947	2635	25	MN
7X2BK	24960	1740	25	MN
A45ZZ	24945	1453	25	NS
OD5ZZ	24942	1345	23	NS
S79HP	24950	1721	24	NS
UG6LQ	24960	1218	25	NS
UL7AAC	24958	1326	25	NS
Z21HJ	24940	1710	25	MN

10 Meter CW

7P8SR	28024	1650	27	IA
FR5GG	28020	1457	19	FL
OD5PL	28027	1600	27	IA
V44KAO	28023	1326	19	FL

10 Meter SSB

7Q7JL	28440	1523	25	ME
7X2DG	28482	1820	27	IA
9L1MR	28565	1710	27	IA
C9RDM	28477	1526	25	ME
D44BC	28433	1914	2	CA
V51BG	28440	1110	22	MA
VP8BFH	28435	1837	2	CA
VP9MN	28480	1708	25	ME
VR6BX	28436	2310	27	IA
YJ8RN	28510	0012	3	CA
ZA1TAG	28462	1535	27	IA
ZD7DP	28427	1940	2	CA
ZD7SM	28427	1919	2	CA
ZD8LII	28443	1348	26	ME

Issue 637 - May 8, 1992

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
American Samoa	KH8	AA5K, JA3JA	May 29-June 1	I636
Antigua	V2	V29PI	Now	I631
Ascension island	**ZD8**	**ZD8Z**	**to May 12**	**I637**
Bhutan	**A5/**	**HA5BUS**	**now-May 15/22**	**I637**
Botswana	**A2**	**A22MN**	**now active**	**I637**
Burkina Faso	XT	XT2BW	one year	I628
Cambodia	**XU**	**XU7VK**	**Now-July**	**I637**
Cayman Islands	**ZF**	**ZF8DX 9JE**	**May 5-19**	**I634**
Fiji	**3D**	**3D2QB**	**28007 01Z**	**I622**
Franz Josef Land	**4K2/**	**UV3AAC**	**to May 15**	**I625**
Guernsey	**GU**	**GUØING+**	**May 1-9**	**I635**
Guyana	**8R1/**	**G4SMC**	**to mid-May**	**I634**
ITU Geneva	**4U7ITU**		**May 28-31**	**I637**
Ivory Coast	**TU**	**TU4SR**	**to mid-June**	**I636**
Johnston I.	**KH3**	**AH3C**	**May 3-9**	**I635**
Kuwait	**9K**	**9K2WR**	**to July**	**I620**
M-V Island	**4J1FS**		**May 26-June 9**	**I637**
Marshall Islands	**V73**	**V73EU**	**Now**	**I637**
Micronesia	**V6**	**V63BW**	**May 2-9**	**I630**
		V62DX/CW	May 22-28	I636
Pakistan	**AP/**	**WA2WYR**	**Now active**	**I619**
Svalbard	**JW**	**JW5NM**	**May 4+**	**I632**
Tonga	A3	A35J/K	June 1-5	I636
Tromelin	**FR/T**	**FR4AI/T**	**Now?**	**I635**
Vietnam	**XV**	**XV7TH**	**21295 13-16Z**	**I637**

Operating Events and DX Gatherings

Dates	Event	Reference:
May 8-9	CQ Mir Contest	I635
July 4-18	Siberian International	I637
July 17-19	DXPO Atlanta GA	
July 24-26	Northwest DX Convention, Seattle WA	
Aug. 21-23	ARRL National, Los Angeles	
Aug. 28-30	New Orleans DX Convention	
Oct. 10-11	DXPO 92, Washington DC	

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AA6MV, AA6YQ, AA7AV, AB4PW, AB6FI, AK1E, KØCVD, K1HDO, K1TN, K4BAI, K4GLU, K4IQJ, K4LNA, K6ASI, K6DYP, K6KAP, K6LEB, K7EFB, K7YNO, K8OQL, KA1MUY, KA7T, KA9MRU, KD6PY, KD6WW, KE9OZ, KI6YB, KJ6NZ, KK6H, KN4FY, KN6J, KP2A, KR7L, KT7H, KZ4H, N1DL, N1HN, N2GLH, N6HLE, N6JQL, N6QR, N6TJ, NE9Z, NZ9R, OH2BU, OK3EI, OPDX, SMØAGD, VE1YX, VE3NN, WØJRN, WØRXL, W1BFT, W1FV, W1HH, W1KNT, W1NH, W4VQ, W4ZYT, W6CNA, W6CNA, W6DPD, W6JOX, W6JZH, W6OA, W6UQF, W7AYY, W7YS, W8CT, W9NTU, WA2WYR, WA4VWV, WA6HHQ, WA9AQE, WB6AHF, WB8ZRL, WD9GGY, WG0O, WJ6Q, WN6W, WO6R, WW6D, WW7Q. Thanks for your help! -chod.

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Afghanistan	YA/OK1IAI	14014	0000Z
Albania	ZA1TAJ	14024	0100Z
Easter Island	XQØYAF	28010	0000Z
Haiti	HH2PK	10103±	0000Z
Ivory Coast	TU4SR	14024	01-0500Z
Kuwait	9K2MU	14021±	00Z Fri.
Nicaragua	YN/SMØOIG	14012±	1130Z
Sri Lanka	4S7WP	14004	2230Z
Taiwan	BV4CT	14025	1500Z

Herb Schoenbohm KV4FZ Convicted

John Ackley KP2A reports that Herb KV4FZ has been convicted of three felonies having to do with making unauthorized long-distance telephone calls from the US Virgin Islands. Each count carries a maximum penalty of 10 years in federal prison. More later.

The DX Bulletin

P. O. BOX 50
FULTON CA
95439 USA
(707) 523-1001

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Siberian Hamvention

The Prometheus Ham Digest announces the first Siberian International Hamvention aboard the Anton Chekhov cruise ship on the Yenisei river, July 4-18. The ship is complete with medical care, indoor swimming pool, movies and theater, slot machines (!), and a complete amateur station. The trip features national parks, wildlife, rapids, museums, folk dances, and much more. The cruise passes the Arctic Circle. A variety of side trips are also available, including a trip to the site of the Tungusky meteor site. Costs range from US$640 to US$1180, depending on location and size of cabin. A 15% deposit is required to reserve space, by June 15. A copy of the announcement is available from The DX Bulletin for an SASE. (Sponsors include the Moscow Boston International Ltd, the company that Romeo 3W3RR/XYØRR works for.)